

recording data indicative of the control signal adjustment  
on the apparatus.

<sup>33</sup>  
47. The method of claim 46 wherein the apparatus is a fuel  
injector; and

the plurality of operating conditions include different engine  
operating conditions.

<sup>34</sup>  
48. The method of claim 47 wherein the control signal  
adjustment includes a fuel injection quantity adjustment that is a  
function of an operating condition of the fuel injector.

<sup>35</sup>  
49. The method of claim 48 wherein said recording step  
includes a step of attaching a bar code to the fuel injector.

<sup>36</sup>  
50. The method of claim 49 wherein the control signal  
adjustment includes a fuel injection timing adjustment.

<sup>37</sup>  
51. The method of claim 50 wherein said attaching step  
includes a step of locating the bar code at a location that is readable  
after the fuel injector is installed in an engine.

<sup>38</sup>  
52. A method of operating an apparatus of a type having  
measurable resultant characteristics at a plurality of operating  
conditions when controlled in accordance with a control signal,  
comprising the steps of:

reading data recorded on the apparatus that is indicative of  
a control signal adjustment;

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inputting the control signal adjustment data into an electronic control module;

establishing a control communication link between the apparatus and the electronic control module; and

controlling the apparatus in accordance with an adjusted control signal that is a function of a nominal control signal, an operating condition and the control signal adjustment data.

<sup>39</sup>  
53. The method of claim 52 wherein the apparatus is a fuel injector; and the method includes a step of:

installing the fuel injector in an engine.

<sup>40</sup>  
54. The method of claim 53 wherein said reading step includes a step of scanning a bar code attached to the fuel injector.

<sup>41</sup>  
55. The method of claim 54 wherein the control signal adjustment data includes fuel injection quantity adjustment data that is a function of an operating condition of the fuel injector.

<sup>42</sup>  
56. The method of claim 55 wherein the control signal adjustment data includes fuel injection timing adjustment data.

<sup>43</sup>  
57. An actuatable mechanism that produces a measurable resultant characteristic in response to an electronic control signal, comprising:

a body;

an electrical actuator attached to said body;

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